

# IDEAS OF HEALTH AND DISEASE IN INDUSTRIAL SOCIETY

## M.SC. COURSE TEXTS

### USEFUL REFERENCE WORKS

W.F. Bynum et al, *Dictionary of the history of science*, London, Macmillan, 1981.

W.F. Bynum & R. Porter, *Companion encyclopaedia of the history of medicine*, London ,  
Routledge, 1994.

*Dictionary of Scientific Biography* (DSB)

Fielding H. Garrison, *An introduction to the history of medicine*, Philadelphia, W. Saunders  
& Co., 4th ed., 1929.

### GENERAL TEXTS

W.F. Bynum, *Science and the practice of medicine in the nineteenth century*, Cambridge  
University Press, 1994.

Christopher Lawrence, *Medicine in the making of modern Britain 1700-1920*, London,  
Routledge, 1994.

### OTHER READING

Erwin H. Ackerknecht, *Medicine at the Paris hospital*, Baltimore, The Johns Hopkins Press,  
1967.

E.H. Ackerknecht, *Therapeutics*, New York, Hafner, 1973.

Edwin Clarke & L.S. Jacyna, *Nineteenth-century origins of neuroscientific concepts*,  
Berkeley, University of California Press, 1987.

William Coleman and Frederic L. Holmes (eds.), *The investigative enterprise. Experimental  
physiology in nineteenth century medicine*, Berkeley, University of California Press, 1988.

Roger Cooter and John Pickstone (eds.), *Medicine in the twentieth century*, Harwood,  
Amsterdam, 2000

Andrew Cunningham and Perry Williams (eds.), *The Laboratory revolution in medicine*,  
Cambridge, Cambridge University Press, 1992

Jacalyn Duffin, *To see with a better eye: a life of R.T.H. Laennec*, Princeton University Press,  
1998.

John M. Eyler, *Victorian social medicine*, Baltimore, 1987.

Knud Faber, *Nosography in modern internal medicine*, New York, Paul Hoeber, 1923.

Christopher G. Goetz et al., *Charcot: Constructing neurology*, Oxford University Press, 1995.

Christopher Hamlin, *Public health and social justice in the age of Chadwick. Britain 1800-1854*, Cambridge University Press, 1998

Anne Harrington, *Reenchanted science: holism in German culture from Wilhelm II to Hitler*, Princeton University Press, 1996.

Joel D. Howell, *Technology in the hospital* Baltimore, Johns Hopkins University Press, 1995.

L.S. Jacyna, *Lost words: narratives of language and the brain 1825-1926*, Princeton University Press, 2000.

Ann La Berge and Caroline Hannaway, *Constructing Paris Medicine*, Rodopi, Amsterdam, 1998.

John E. Lesch, *Science & medicine in France*, Harvard University Press, 1984.

Irvine Loudon, *Medical care and the general practitioner*, Oxford, 1986.

Russell Maulitz, *Morbid appearances: The anatomy of pathology in the nineteenth century*, Cambridge University Press, 1988.

Roy Porter, *Disease, medicine and society in England 1550-1860*, Basingstoke, MacMillan Education, 1987.

Roy Porter and Dorothy Porter, *In sickness and in health*, London, Fourth Estate, 1988.

Morris J Vogel and Charles Rosenberg (eds.), *The therapeutic revolution*, University of Pennsylvania Press 1979.

Stanley J. Reiser, *Medicine and the reign of technology*, Cambridge University Press, 1978.

Charles Rosenberg, *The care of strangers: The rise of America's hospital system*, New York, Basic Books, 1987.

Richard Shryock, *The development of modern medicine*, Wisconsin Reprint, 1974. (Helpful for nineteenth and twentieth centuries).

John Harley Warner, *The therapeutic perspective*, Harvard University Press 1986.

Ivan Waddington, *The medical profession in the Industrial Revolution*, Dublin, 1984.

Keith Wailoo, *Drawing Blood*, Baltimore, The Johns Hopkins University Press, 1997.

Owen and Sarah Wangansteen, *The rise of surgery*, Minnesota, 1978. (Not in Loan Collection - on open Library shelves).

Robert M. Young, *Mind brain and adaptation*, Oxford, Clarendon Press, 1970.

## **Week 1. INTRODUCTION: THE CLINICAL ENCOUNTER IN HISTORICAL PERSPECTIVE----- CL**

N.D. Jewson, 'The disappearance of the sick man from medical cosmology', *Sociology*, 1974, 10: 369-85 (To be handed out)

## **Week 2. THE CLINIC/PARIS MEDICINE CL**

George Rosen, 'The philosophy of ideology and the emergence of modern medicine', *Bull. Hist. Med.*, 1946: 328-339.

O. Temkin, 'The role of surgery in rise the of modern medical thought', *Bull. Hist. Med.*, 1951, 25: 248-259.

Ivan Waddington, 'The role of the hospital in the development of modern medicine: a sociological analysis', *Sociology*, 1973, 1: 11-224.

### **Further Reading**

Michael Foucault, *The Birth of the Clinic*, London, Tavistock Publications, 1973, Chap 1.

R.T.H. Laennec, 'Authors preface', and 'On the diagnosis of diseases of the chest, from *A treatise on diseases of the chest*, trans. with a preface by John Forbes, London, 1821. pp. xxix - xxxv, 281-297.

La Berge and Hannaway, *Constructing*

## **Week 3. MICROSCOPY AND CELL THEORY AM**

William Coleman, *Biology in the nineteenth century*, Cambridge University Press, 1971, ch. 2

L.S. Jacyna, 'John Goodsir and the making of cellular reality,' *J. Hist. Biol.*, 1983, **16**: 75-99.

J.A. Mendelsohn, 'Lives of the cell,' *J. Hist. Biol.*, 2003, **36**: 1-37.

## **Week 4. THE LABORATORY (1): EXPERIMENTAL PHYSIOLOGY CL**

Claude Bernard, *An introduction to the study of experimental medicine*. (Any edition).

William Coleman, 'The cognitive basis of the discipline: Claude Bernard on physiology', *Isis*, 1985, 76: 49-70.

Paul Elliot, 'Vivisection and the emergence of experimental physiology in nineteenth-century France' in Nicolaas Rupke (ed), *Vivisection in historical perspective*, London, Croom Helm, 1987, pp 48-77.

### **Further Reading**

Lesch, from bibliography

## **Week 5. NERVOUS SYSTEM (1): MAPPING THE BRAIN SJ**

Anne Harrington, "Other 'ways of knowing': The politics of knowledge in interwar German brain science," in Anne Harrington (ed.), *So Human a Brain: Knowledge and Values in the Neurosciences*, Boston, Birkhauser, 1992, pp. 229-44.

Nadine M. Weidman, *Constructing scientific psychology: Karl Lashley's mind-brain debates*, Cambridge University Press, 1999, pp. 71-85.

### **Further reading:**

Clarke and Jacyna, from bibliography, pp. 267-85.

## **Week 6. THE PUBLIC SPHERE (1): POLICING THE SOCIAL BODY CL**

Christopher Hamlin, 'Predisposing causes and public health in early nineteenth-century medical thought' *Social History of Medicine*, 1992, 5: 43-70

Christopher Hamlin, 'Edwin Chadwick, "Mutton Medicine" and the fever question', *Bulletin of the History of Medicine*, 1996, 70: 233-265

Alan Bewell, *Romanticism and colonial disease*, Baltimore, Johns Hopkins University Press, 1999, Chap. 1.

### **Further Reading**

Christopher Hamlin, 'Providence and Putrefaction', *Victorian Studies*, 1985 28: 381-411.

Hamlin, from bibliography

## **Week 8 THE SURGEON AS SCIENTIST CL**

L.S. Jacyna, "Images of John Hunter in the nineteenth century," *History of Science*, 1983, 21: 85-108.

Christopher Lawrence, "Medical minds, surgical bodies," in C. Lawrence and S. Shapin, *Science Incarnate*, University of Chicago Press, 1998, pp. 156-201

Christopher Lawrence, "Divine democratic and heroic" in Christopher Lawrence, *Medical theory, surgical practice*, Routledge, 1992

## **LABORATORY (2) GERM THEORY CL**

Christopher Lawrence and Richard Dixey, "Joseph Lister and the Germ theories of disease", in Christopher Lawrence, *Medical theory, surgical practice*, Routledge, 1992

Michael Worboys, *Spreading germs: disease theories and medical practice in Britain, 1865-1900*, Cambridge University Press, 2000, ch. 1 -- On reserve in the Teaching Collection at the IC / Science Museum Library, Level 3.

## Further Reading

Cunningham and Williams, in bibliography

Ludwik Fleck, *Genesis and development of a scientific fact*, ed. T.J. Trenn and R.K. Merton, tr. F. Bradley and T.J. Trenn, foreword T.S. Kuhn, University of Chicago Press, 1979 (1935).

Pauline M.H. Mazumdar, *Species and specificity: an interpretation of the history of immunology*, Cambridge University Press, 1995.

Bruno Latour, *The pasteurization of France*, tr. A. Sheridan and J. Law, Harvard University Press, 1988.

## Week 9. NERVOUS SYSTEM (2): EVOLUTION AND HIERARCHY SJ

Roger Smith, *Inhibition: history and meaning in the sciences of mind and brain*, London, Free Association Books, 1992, Chapter 4.

Frank J. Sulloway, *Freud: biologist of the mind*, Fontana, Chapter 7.

## Week 10. THE PUBLIC SPHERE (2) CL

Howard Berliner, *A system of scientific medicine*, Tavistock, 1985

Judith Walzer Leavitt, 'Typhoid Mary' strikes back: bacteriological theory and practice in early twentieth-century public health,' *Isis* (1992), 83: 608-629

J. Andrew Mendelsohn, 'Typhoid Mary' strikes again: the social and the scientific in the making of modern public health', *Isis* (1995), 86: 268-277

## Week 11. Women in Medicine JB

Barbara Ehrenreich, Deidre English, *For her own good: 150 years of the experts' advice to women*, New York, Anchor Books (reprint edition), 1989, pp. 101-140.

Mary Ann Elston, 'Run by women (mainly) for women: medical women's hospitals in Britain, 1866-1948' in *Women and modern medicine*, Lawrence Conrad and Anne Hardy (eds), Amsterdam, Rodopi, 2001, pp. 73-107.

## Week 12. CLINICAL MEDICINE CL

Christopher Lawrence, 'Laboratory medicine' in S. Lock et al (eds), *The Oxford Illustrated Companion to medicine*, Oxford, 2001, pp. 549-61

Harry Marks, *The progress of experiment*, Cambridge, 1997, chaps 1&2.

Wailoo, *Blood*, chaps 2 & 4.

### **Further Reading**

Reiser, from bibliography.

### **Week 13. THE RETURN TO HOLISM CL**

Walter B. Canon, 'The body physiologic and the body politic', *The Scientific Monthly*, 1954, July, pp.20-26.

Steven J. Cross and William R. Albury, 'Walter B. Canon, L.J. Henderson and the Organic analogy', *Osiris*, 1987, 3: 165-192.

### **WEEK 14. REVISION CL**